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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number To Be Assigned

Filing Date January 24, 2002

First Named Inventor Kornelia Polyak

Group Art Unit Unknown

Examiner Name Unknown

Complete if Known

(use as many sheets as necessary)

Attorney Docket Number 001107.00224

U.S. PATENT DOCUMENTS							
Examiner Initials *	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		Number - Kind Code ² (if known)			Passages or Relevant Figures Appear		
CM		US-5,683,877	11/1997	Lu-Chang et al.			
1		US- 5,879,890	3/1999	Laken et al,			
		US- 5,935,787	08/1999	Sidransky			
		US- 6,025,127	02/2000	Sidransky			
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	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant				
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¹ Applicant's unique citation designation number (optional) . ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.
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PTO-1449 (Modified)

U.S. DEPARTMENT OF COMMERCE

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Kornelia Polyak

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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GROUP ART UNIT

January 24, 2002

Unknown

		U.	S. PATENT DOCUMENTS			
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
						1

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Hopgood et al. "Strategies for Automated Sequencing of Human Mitochondrial DNA Directly from PCR Products" Biotechniques, Vol. 13, No. 1, pages 82-92 (1992) Ivanova et al. "Mitochondrial DNA Sequence Variation in Human Leukemic Cells" In. J. Cancer: 76 495-498 (1998) Alonso et al. "Detection of somatic mutations in the mitochondrial DNA control region of colorectal and gastric tumors by heteroduplex and single-strand conformation analysis" Electrophoresis, Vol. 18 (5) pages 682-5 (1997) Khrapko et al. Proc. Natl. Acad. Sci. USA, Vol 94, pages 13798-13803, December 1997 Casali et al. "Mitochondrial G8363A mutation presenting as cerebellar ataxia and lipomas in an Italian family" Neurology - American academy of Neurology, Vol. 52 (5) pages 1103-4 March 1999 Tanaka et al. "Automated Sequencing of Mitochondrial DNA" Methods in Enzymology, Vol. 264, pages 407-21 (1996) Taira et al. "Tumor-associated mutations of rat mitochondrial transfer RNA genes" Nucleic Acids Research, Vol 11 (6), pages 1635-43 (1983) Ladanyi et al. "Analysis of nuclear and mitochondrial DNA alterations in thyroid and renal oncocytic tumors" Cytogenet Cell Genet 66:253-259 (1994) Burgart e tal. "Somatic Mitochondrial Mutation in Gastric Cancer" American Journal fo Pathology, Vol 147, No. 4 October 1995 pages 1105-1111 Wallace "Mitochondrial DNA sequence variation in human evolution and disease" Proc. Natl Acad. Sci USA Vol 91, pages 8739-8746 September 1994 Corral et al. TRNAs containing mitochondrial ND6 and CO1 sequences present an abnormal structure in chemically induced rat hepatomas" Nucleic Acids Research, Vol. 17 (13) pages 5191-5206 Heerdt et al. "Polymorphisms, but Lack of Mutations or Instability, in the Promoter Region of the Mitochondrial Genome in Human Colonic Tumors" Cancer Research 54, 3912-3915 July 15, 1994 pages 3912-3915 Yamamoto et al. "Signfiicant Existence of Deleted Mitochondrial DNA in Cirrhotic Liver Surrounding Hepatic Tumor" Biochemical and Biophysical Research Communications, Vol. 182, No. 2, pages 913-920 January 31, 1992 Wallace "Mitochondrial Diseases in Man and Mouse" Science, Vol 283, March 5, 1999, pages 1482-1488 Welter et al. "Alteration of Mitochondrial DNA in Human Oncocytomas" Genes, Chromosomes & Cancer 1:79-82 (1989)DATE CONSIDERED **EXAMINER** EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.

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Sheet 3_ of 3

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			APPLICANT Kornelia Polak							
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			FILING DATE January 24, 2002	GROUP ART UNIT Unknown						
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. \	OTHER I	OCUMENTS (Including Author, Title, Date, Pertiner	nt Pages, Etc.)						
Ch	Burgart et al. "Somati pages 1105-1111	c mitochondrial	mutation in gastric cancer" American Jou	ımal of Pathology,	, Vol. 147, N	lo. 4, 1995,				
	Welter et al. "Alteration pages 79-82	on of mitochond	rial DNA in human oncocytomas" Genes	, Chromosomes ar	nd Cancer, V	ol. 1, 1989				
	Tallini et al. "Analysi and Cell Genetics, Vo	Tallini et al. "Analysis fo nuclear and mitochondrial DNA alterations in thyroid and renal oncocytic tumors" Cytogenetics and Cell Genetics, Vol. 66, 1994, pages 253-259								
	Yamamoto et al. "Signficiant existence of deleted mitochondrial DNA in cirrhotic liver surrounding hepatic tumor". Biochemical and biophysical research Communications, Vol. 182, No. 2, 1992, pages 913-920									
	Khrapko et al. "Mitoo Sciences USA, Vol. 9	Khrapko et al. "Mitochondrial mutations spectra in human cells and tissues" Proceedings of the National Academy of Sciences USA, Vol. 94, 1997, pages 13798-13803								
	D.C. Wallace "Mitocl Academy of Sciences	D.C. Wallace "Mitochondrial DNA sequence variation in human evolution and disease" Proceedings of the National Academy of Sciences USA, Vol. 91, 1994, pages 8739-8746								
	Ivanova et al. "Mitoc 1998, pages 495-498	Ivanova et al. "Mitochondrial DNA sequence variation in human leukemic cells" International Journal of Cancer, Vol. 76,								
	Nakamura et al. "A n typical diabetes melli	Nakamura et al. "A novel homoplasmic point mutation at mitochondria DNA (mtDNA) nucleotide 3308 in a family with a typical diabetes mellitus (ADM) of african americans (AA)" Diabetes, Vol. 46, No. Supp, 1997, page 175A								
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Copies of References found in 09/277, 856.